

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	40	703/27.ccls. and @pd>"20050601"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 16:21

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	approximat\$4 near schema near (comparison\$1 or match\$3) and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 11:36
L2	0	fuzzy near schema near (comparison\$1 or match\$3) and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 10:59
L3	0	fuzzy near transform near (comparison\$1 or match\$3) and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 10:59
L4	2	approximat\$4 near transform near (comparison\$1 or match\$3) and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 10:59
L5	47	schema near (comparison\$1 or match\$3) and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 11:37
L6	1	L5 and approximat\$4 same schema	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 12:03
L7	43	bernstein.in. and microsoft.as.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 12:09
L8	19	bernstein.in. and microsoft.as. and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 12:04
L9	886	model adj match\$3 and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 12:09
L10	0	(automatic or approximate) near (model adj match\$3) and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 12:09

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[Preferences](#)**Web**Results 1 - 10 of about 21,700 for "**meta content framework**". (0.28 seconds)**Meta Content Framework Using XML**

A data model for describing information organization structures (metadata) for collections of networked information.

[www.w3.org/TR/NOTE-MCF-XML/](http://www.w3.org/TR/NOTE-MCF-XML/) - 77k - [Cached](#) - [Similar pages](#)

**Meta Content Framework Using XML submission request to the World ...**

**Meta Content Framework Using XML.** which collectively are referred to as "The Submission". We request The Submission be known as the XML Meta Content ...

[www.w3.org/Submission/1997/8/](http://www.w3.org/Submission/1997/8/) - 4k - [Cached](#) - [Similar pages](#)

**Meta Content Framework**

**Meta Content Framework** . RVGuha · Apple Computer. This paper provides a description of the **Meta Content Framework** (MCF), version 0.95. ...

[www.xspace.net/hotsauce/mcf.html](http://www.xspace.net/hotsauce/mcf.html) - 17k - [Cached](#) - [Similar pages](#)

**Meta Content Framework - Wikipedia, the free encyclopedia**

**Meta Content Framework** (MCF) was a specification of a format for structuring metadata information about web sites and other data. ...

[en.wikipedia.org/wiki/Meta\\_Content\\_Framework](http://en.wikipedia.org/wiki/Meta_Content_Framework) - 12k - [Cached](#) - [Similar pages](#)

**What is Meta Content Framework (MCF)?**

MCF is a way to represent the content of a web site, in a much more sophisticated manner than can be done using the existing, commonly-used meta tags.

[searchenginewatch.com/sereport/article.php/2165291](http://searchenginewatch.com/sereport/article.php/2165291) - 52k - [Cached](#) - [Similar pages](#)

**UKOLN Metadata Resources - MCF**

The **Meta Content Framework** (MCF) provides a system for representing a wide range ...

**Meta Content Framework Using XML:** Syntax for representing MCF in XML. ...

[www.ukoln.ac.uk/metadata/resources/mcf/](http://www.ukoln.ac.uk/metadata/resources/mcf/) - 4k - [Cached](#) - [Similar pages](#)

**WDVL: MCF - Meta Content Framework**

The Web Developer's Virtual Library is a resource for web development, including a JavaScript tutorial, html tag info, JavaScript events, html special ...

[www.wdvl.com/Authoring/Languages/MCF.html](http://www.wdvl.com/Authoring/Languages/MCF.html) - 43k - [Cached](#) - [Similar pages](#)

**Meta Content Framework (Netscape) - What does Meta Content ...**

What does **Meta Content Framework** (Netscape) stand for? Definition of **Meta Content Framework** (Netscape) in the list of acronyms provided by the Free Online ...

[acronyms.thefreedictionary.com/Meta+Content+Framework+\(Netscape\)](http://acronyms.thefreedictionary.com/Meta+Content+Framework+(Netscape)) - 23k -

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[www.textuality.com/sgml-erb/w3c-mcf.html](http://www.textuality.com/sgml-erb/w3c-mcf.html)

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**Meta Content Framework: Information From Answers.com**

**Meta Content Framework** **Meta Content Framework** ( MCF ) was a specification of a format for structuring metadata information about web sites and other.

[www.answers.com/topic/meta-content-framework](http://www.answers.com/topic/meta-content-framework) - 26k - [Cached](#) - [Similar pages](#)

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## Web

Results 1 - 10 of about 20,400,000 for [microsoft repository](#). (0.26 seconds)**INF: Understanding Microsoft Repository**

**Microsoft Repository 2.0** is included with **Microsoft** Visual Studio 6.0 and **Microsoft** SQL Server 7.0. **Microsoft Repository 2.0** uses the Open Information Model ...  
[support.microsoft.com/?kbid=238912](#) - [Similar pages](#)

**INF: SQL Server Data Transformation Services and the Microsoft ...**

**Microsoft** Data Transformation Services uses the **Microsoft repository** for three ... Finally, use of the **Microsoft Repository** provides an upgrade path to move ...  
[support.microsoft.com/default.aspx?scid=kb;en-us;246333](#) - [Similar pages](#)

**(PDF) Managing the Microsoft Repository**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

What is the **Microsoft Repository**? • Architecture of the **repository** ... **Microsoft Repository**. What is the MSR? • Provides meta data management services ...  
[www.cbd-hq.com/PDFs/repository.pdf](#) - [Similar pages](#)

**Application Development Trends - The Ever-Changing Microsoft ...**

In the latest **Microsoft** strategy, the so-called **Microsoft Repository** — under development ... Despite the rocky pace of the **Microsoft repository** effort, ...  
[www.adtmag.com/article.asp?id=2638](#) - 36k - [Cached](#) - [Similar pages](#)

**The Microsoft Repository - Bernstein, Harry, Sanders, Shutt ...**

The **Microsoft Repository** is an object oriented **repository** that ships as a component of Visual Basic Version It includes a set of ActiveX interfaces that a ...  
[citeseer.ist.psu.edu/bernstein97microsoft.html](#) - 21k - [Cached](#) - [Similar pages](#)

**Microsoft Repository 2.0 (XIF) Export specification**

**Microsoft Repository 2.0 (XIF) Export bridge specification.**

[www.metaintegration.net/Products/MIMB/](#)

[Specifications/MIRMMicrosoftSqlServerRepoXifExport.html](#) - 30k - [Cached](#) - [Similar pages](#)

**About the Microsoft Repository**

The **Microsoft Repository** is a database technology that facilitates sharing information models (IM). The purpose of the **repository** is to encourage software ...  
[www.ifi.uio.no/in219/verktoy/doc/html/doc/user/pmg/msrepos1.html](#) - 3k - [Cached](#) - [Similar pages](#)

**Exporting to and Importing from the Microsoft Repository**

The **Microsoft Repository** exchange feature is implemented as a UML suite module. ... This is because the **Microsoft Repository** must build a Type Information ...  
[www.ifi.uio.no/in219/verktoy/doc/html/doc/user/pmg/msrepos2.html](#) - 6k - [Cached](#) - [Similar pages](#)

**Using the Microsoft Repository**

SQL Server Magazine is the technical guide to managing, mining, building and developing SQL Server databases. The magazine includes tips on data recovery, ...  
[www.sqlmag.com/Article/ArticleID/8029/sql\\_server\\_8029.html](#) - [Similar pages](#)

**erp4it: Interesting history on the Microsoft Repository**

Here's a good article from 2000 on the **Microsoft Repository** at the time. Useful history, especially with **Microsoft's** renewed rejection of OMG partnership. ...  
[erp4it.typepad.com/erp4it/2004/02/interesting\\_his.html](#) - 17k - [Cached](#) - [Similar pages](#)

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## Scholar

Results 1 - 10 of about 3,810 for approximate schema matching. (0.35 seconds)

### A survey of approaches to automatic **schema matching** - group of 24 »

E Rahm, PA Bernstein - The VLDB Journal The International Journal on Very Large ..., 2001 - Springer

... Each mapping element of the match results specifies that certain elements of **schema** S1 logically ...

the implementation of **Match**. ... heuristics that **approximate** our understand ...

Cited by 481 - [Web Search](#)

### Generic **Schema Matching** with Cupid - group of 21 »

J Madhavan, PA Bernstein, E Rahm - VLDB, 2001 - sice.umkc.edu

Page 1. Generic **Schema Matching** with Cupid Jayant Madhavan 1 Philip A. Bernstein

Erhard Rahm 1 ... Page 2. Generic **Schema Matching** with Cupid ...

Cited by 356 - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

### **Approximate** tree embedding for querying XML data - group of 7 »

T Schlieder, F Naumann - Proceedings of the ACM SIGIR Workshop on XML and Information ..., 2000 - inf.fu-berlin.de

... of querying collections with partially known **schema** as we ... and extend it to the

**approximate** tree embedding ... query, but also relaxes the **matching** conditions to ...

Cited by 41 - [View as HTML](#) - [Web Search](#)

### [PS] The old **matching** problem: Algorithms and applications

A Monge, C Elkan - Proceedings of the Second International Conference on ..., 1996 - cecs.csulb.edu

... **approximate** matches score 2. An **approximate match** occurs between ... me the address

(exact address **match** processing ... of methodologies for database **schema** integration ...

Cited by 109 - [View as HTML](#) - [Web Search](#)

### Resource integration using a large knowledge base in Carnot - group of 5 »

C Collet, MN Huhns, WM Shen - IEEE Computer, 1991 - doi.ieeecomputersociety.org

... The user also might have to augment the model with additional properties (semantics)

about the local **schema** for the **matching** phase to be completed. ...

Cited by 198 - [Web Search](#)

### **Approximate** DataGuides - group of 2 »

R Goldman, J Widom - Proceedings of the Workshop on Query Processing for ..., 1999 - www-db.stanford.edu

... related work from [NAM98] gives algorithms for finding "**approximate** typings" of ... be

thought of as fitting a "good" graph **schema** to an ... 2 Object **Matching** ...

Cited by 49 - [View as HTML](#) - [Web Search](#)

### Data Cleaning: Problems and Current Approaches - group of 11 »

E Rahm, HH Do - IEEE Data Engineering Bulletin, 2000 - cse.buffalo.edu

... To generically support **schema**-related transformations, language extensions ... extensions

such as a **Match** operator supporting "**approximate** joins" (see ...

Cited by 103 - [View as HTML](#) - [Web Search](#)

### **Approximate** Graph **Schema** Extraction for Semi-Structured Data - group of 3 »

QY Wang, JX Yu, KF Wong - EDBT, 2000 - Springer

... could be replaced by the actual set of possible **matching** paths ... Based on the above

observations, we propose to extract an **approximate** graph **schema** from the ...

Cited by 14 - [Web Search](#) - [BL Direct](#)

### ApproXQL: design and Implementation of an **approximate** pattern **matching** language for XML - group of 10 »

T Schlieder - 2001 - inf.fu-berlin.de

Page 1. ApproXQL: Design and Implementation of an **Approximate** Pattern **Matching** Language

for XML Torsten Schlieder □ ... 4. Querying by **Approximate** Tree **Matching** ...

Cited by 14 - [View as HTML](#) - [Web Search](#) - [Library Search](#)

Exact **Schema** Theory for Genetic Programming and Variable-Length Genetic Algorithms with One-Point ...

- group of 8 »

R Poli - Genetic Programming and Evolvable Machines, 2001 - Springer

... the variability of the size and shape of the programs **matching** the same ... **schema** for his context-free grammar GP and the related **approximate schema** theorem were ...

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approximate schema matching

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Results 1 - 10 of about 6,600 for **approximate schema comparison**. (0.36 seconds)

A survey of approaches to automatic **schema** matching - group of 24 »

E Rahm, PA Bernstein - The VLDB Journal The International Journal on Very Large ..., 2001 - Springer

... is consistent with heuristics that **approximate** our understand ... Depending on the matcher type, the match **comparison** can be ... description, or data type of **schema** element ...

Cited by 481 - [Web Search](#)

Generic **Schema** Matching with Cupid - group of 21 »

J Madhavan, PA Bernstein, E Rahm - VLDB, 2001 - sice.umkc.edu

... Elimination - Tokens that are articles, prepositions or conjunctions are marked to be ignored during **comparison**. • Tagging - A **schema** element that ...

Cited by 356 - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

A model for compound type changes encountered in **schema** evolution - group of 6 »

BS Lerner - ACM Transactions on Database Systems, 2000 - portal.acm.org

... The **schema comparison** algorithms use naming similarities, structural similarities, and interrelationships among the types from successive versions to infer ...

Cited by 57 - [Web Search](#) - [BL Direct](#)

Exact **Schema** Theory for Genetic Programming and Variable-Length Genetic Algorithms with One-Point ... - group of 8 »

R Poli - Genetic Programming and Evolvable Machines, 2001 - Springer

... This is, for example, one of the features of the **approximate schema** theorems proposed in the past including Holland's [11, 13, 33, 35, 36, 44]. ...

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**Approximate** DataGuides - group of 2 »

R Goldman, J Widom - Proceedings of the Workshop on Query Processing for ..., 1999 - www-db.stanford.edu

... NAM98] gives algorithms for finding "**approximate** typings" of ... In **comparison**, we are less concerned with extracting a ... fitting a "good" graph **schema** to an ...

Cited by 49 - [View as HTML](#) - [Web Search](#)

Neurochemical Coding of Enteric Neurons in the Guinea Pig Stomach - group of 2 »

M SCHEMA, C SCHAFF, M MADER - THE JOURNAL OF COMPARATIVE NEUROLOGY, 1995 - doi.wiley.com

... To **compare** the neurochemical coding of the myenteric plexus in the stomach with the ... 164 M. SCHEMA" ET AL ... **Approximate** percentage 100 67 55 38 38 33 29 11 6 6 2 ...

Cited by 59 - [Web Search](#) - [BL Direct](#)

A framework for career counseling - group of 2 »

R Hujer - Journal of Career Development, 1993 - Springer

... At the same time, objective structures **approximate** to individuals' subjective ... develop **schema** about themselves and then **compare** these **schema** with the ...

[Web Search](#) - [BL Direct](#)

A **Comparison** of Direct Fuzzy Reasoning Methods - group of 2 »

H Nakanishi, IB Turksen, M Sugeno - Fuzzy Systems, 1995. International Joint Conference of the ..., 1995 - ieeexplore.ieee.org

... the eight alternatives of the five reasoning methods for the **comparison** or their ... and B' is a resultant linguistic value by an **approximate** reasoning method. ...

[Web Search](#)

Knowledge Based Integration of Heterogeneous Databases - group of 4 »

P Fankhauser, EJ Neuhold - DS-5, 1992 - ipsi.fhg.de

... **Schema** (view) integration methodologies reason about the meaning and ... [9] **approximate** the meaning of ... world meaning of attributes, thus their **comparison** can lead ...

Cited by 50 - [View as HTML](#) - [Web Search](#)

[Join Synopses for \*\*Approximate\*\* Query Answering - group of 5 »](#)

S Acharya, PB Gibbons, V Poosala, S Ramaswamy - SIGMOD Conference, 1999 - portal.acm.org

... we present a practical and effective solution for producing **approximate** join aggregates  
of ... we can obtain random samples of all possible joins in the **schema**. ...

[Cited by 113](#) - [Web Search](#) - [BL Direct](#)

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- ☐ 1. **An approximate analogical reasoning approach based on similarity measures**  
Turksen, I.B.; Zhong, Z.;  
[Systems, Man and Cybernetics, IEEE Transactions on](#)  
Volume 18, Issue 6, Nov.-Dec. 1988 Page(s):1049 - 1056  
Digital Object Identifier 10.1109/21.23107  
[AbstractPlus](#) | Full Text: [PDF\(624 KB\)](#) IEEE JNL  
[Rights and Permissions](#)
- ☐ 2. **Two-level tree search in fuzzy expert systems**  
Turksen, I.B.; Tian, Y.;  
[Systems, Man and Cybernetics, IEEE Transactions on](#)  
Volume 25, Issue 4, April 1995 Page(s):555 - 568  
Digital Object Identifier 10.1109/21.370188  
[AbstractPlus](#) | Full Text: [PDF\(1248 KB\)](#) IEEE JNL  
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- ☐ 3. **Fuzzy logic techniques in multimedia database querying: a preliminary investigation of the potentials**  
Dubois, D.; Prade, H.; Sedes, F.;  
[Knowledge and Data Engineering, IEEE Transactions on](#)  
Volume 13, Issue 3, May-June 2001 Page(s):383 - 392  
Digital Object Identifier 10.1109/69.929896  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(224 KB\)](#) IEEE JNL  
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- ☐ 4. **MRI segmentation using fuzzy clustering techniques**  
Clark, M.C.; Hall, L.O.; Goldgof, D.B.; Clarke, L.P.; Velthuizen, R.P.; Silbiger, M.S.;  
[Engineering in Medicine and Biology Magazine, IEEE](#)  
Volume 13, Issue 5, Nov.-Dec. 1994 Page(s):730 - 742  
Digital Object Identifier 10.1109/51.334636  
[AbstractPlus](#) | Full Text: [PDF\(1228 KB\)](#) IEEE JNL  
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- ☐ 5. **Multisensor integration and fusion in intelligent systems**  
Luo, R.C.; Kay, M.G.;  
[Systems, Man and Cybernetics, IEEE Transactions on](#)  
Volume 19, Issue 5, Sept.-Oct. 1989 Page(s):901 - 931  
Digital Object Identifier 10.1109/21.44007  
[AbstractPlus](#) | Full Text: [PDF\(3184 KB\)](#) IEEE JNL  
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- ☐ 6. **Database technology for decision support systems**  
Chaudhuri, S.; Dayal, U.; Ganti, V.;

Computer

Volume 34, Issue 12, Dec. 2001 Page(s):48 - 55  
Digital Object Identifier 10.1109/2.970575

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(229 KB\)](#) IEEE JNL  
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- ☐ **7. Using the ARTIST approach for diagnosing power transmission networks**  
Leitch, R.; Freitag, H.; Stefanini, A.; Tornielli, G.;  
[Intelligent Systems Engineering](#)  
Volume 3, Issue 3, Autumn 1994 Page(s):125 - 137  
[AbstractPlus](#) | Full Text: [PDF\(952 KB\)](#) IEE JNL
  
- ☐ **8. Knowledge-based classification and tissue labeling of MR images of human brain**  
Chunlin Li; Goldgof, D.B.; Hall, L.O.;  
[Medical Imaging, IEEE Transactions on](#)  
Volume 12, Issue 4, Dec. 1993 Page(s):740 - 750  
Digital Object Identifier 10.1109/42.251125  
[AbstractPlus](#) | Full Text: [PDF\(896 KB\)](#) IEEE JNL  
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- ☐ **9. Markov chain models of parallel genetic algorithms**  
Cantu-Paz, E.;  
[Evolutionary Computation, IEEE Transactions on](#)  
Volume 4, Issue 3, Sept. 2000 Page(s):216 - 226  
Digital Object Identifier 10.1109/4235.873233  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(236 KB\)](#) IEEE JNL  
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- ☐ **10. Knowledge discovery in time series databases**  
Last, M.; Klein, Y.; Kandel, A.;  
[Systems, Man and Cybernetics, Part B, IEEE Transactions on](#)  
Volume 31, Issue 1, Feb 2001 Page(s):160 - 169  
Digital Object Identifier 10.1109/3477.907576  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(204 KB\)](#) IEEE JNL  
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- ☐ **11. Optimal selection of capacitors for radial distribution systems using a genetic algorithm**  
Sundhararajan, S.; Pahwa, A.;  
[Power Systems, IEEE Transactions on](#)  
Volume 9, Issue 3, Aug. 1994 Page(s):1499 - 1507  
Digital Object Identifier 10.1109/59.336111  
[AbstractPlus](#) | Full Text: [PDF\(736 KB\)](#) IEEE JNL  
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- ☐ **12. Resource integration using a large knowledge base in Carnot**  
Collet, C.; Huhns, M.N.; Shen, W.-M.;  
Computer  
Volume 24, Issue 12, Dec. 1991 Page(s):55 - 62  
Digital Object Identifier 10.1109/2.116889  
[AbstractPlus](#) | Full Text: [PDF\(664 KB\)](#) IEEE JNL  
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- ☐ **13. Progress in database search strategies**  
Yu, C.; Weiyi Meng;  
[Software, IEEE](#)  
Volume 11, Issue 3, May 1994 Page(s):11 - 19  
Digital Object Identifier 10.1109/52.281713  
[AbstractPlus](#) | Full Text: [PDF\(804 KB\)](#) IEEE JNL  
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- ☐ **14. Lessons from using Z to specify a software tool**  
Neil, M.; Ostrolenk, G.; Tobin, M.; Southworth, M.;  
[Software Engineering, IEEE Transactions on](#)  
Volume 24, Issue 1, Jan. 1998 Page(s):15 - 23  
Digital Object Identifier 10.1109/32.663995

- ☐ **15. Warehouse creation-a potential roadblock to data warehousing**  
Srivastava, J.; Ping-Yao Chen;  
[Knowledge and Data Engineering, IEEE Transactions on](#)  
Volume 11, Issue 1, Jan.-Feb. 1999 Page(s):118 - 126  
Digital Object Identifier 10.1109/69.755620  
  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(376 KB\)](#) IEEE JNL  
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- ☐ **16. StoryNet: an evolving network of cases to learn information systems design**  
Faro, A.; Giordano, D.;  
[Software, IEE Proceedings- \[see also Software Engineering, IEE Proceedings\]](#)  
Volume 145, Issue 4, Aug. 1998 Page(s):119 - 127  
  
[AbstractPlus](#) | Full Text: [PDF\(1444 KB\)](#) IEE JNL
  
- ☐ **17. Null queries with interval-valued ambiguous attributes**  
Shyue-Liang Wang; Yu-Jane Tsai;  
[Systems, Man, and Cybernetics, 1998. 1998 IEEE International Conference on](#)  
Volume 3, 11-14 Oct. 1998 Page(s):2150 - 2153 vol.3  
Digital Object Identifier 10.1109/ICSMC.1998.724972  
  
[AbstractPlus](#) | Full Text: [PDF\(284 KB\)](#) IEEE CNF  
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- ☐ **18. Soft computing and fuzzy logic**  
Zadeh, L.A.;  
[Software, IEEE](#)  
Volume 11, Issue 6, Nov. 1994 Page(s):48 - 56  
Digital Object Identifier 10.1109/52.329401  
  
[AbstractPlus](#) | Full Text: [PDF\(848 KB\)](#) IEEE JNL  
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- ☐ **19. Efficient training of neural gas vector quantizers with analog circuit implementation**  
Rovetta, S.; Zunino, R.;  
[Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on \[see also](#)  
[Circuits and Systems II: Express Briefs, IEEE Transactions on\]](#)  
Volume 46, Issue 6, June 1999 Page(s):688 - 698  
Digital Object Identifier 10.1109/82.769777  
  
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- ☐ **20. Registration of 3-d intraoperative MR images of the brain using a finite-element biomechanical model**  
Ferrant, M.; Nabavi, A.; Macq, B.; Jolesz, F.A.; Kikinis, R.; Warfield, S.K.;  
[Medical Imaging, IEEE Transactions on](#)  
Volume 20, Issue 12, Dec. 2001 Page(s):1384 - 1397  
Digital Object Identifier 10.1109/42.974933  
  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(459 KB\)](#) IEEE JNL  
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- ☐ **21. Storing and retrieving software components: a refinement based system**  
Mili, R.; Mili, A.; Mittermeir, R.T.;  
[Software Engineering, IEEE Transactions on](#)  
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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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## 1 [A survey of approaches to automatic schema matching](#)

Erhard Rahm, Philip A. Bernstein

December 2001 **The VLDB Journal — The International Journal on Very Large Data**
**Bases**, Volume 10 Issue 4

**Publisher:** Springer-Verlag New York, Inc.

Full text available:  [pdf\(196.22 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Schema matching is a basic problem in many database application domains, such as data integration, E-business, data warehousing, and semantic query processing. In current implementations, schema matching is typically performed manually, which has significant limitations. On the other hand, previous research papers have proposed many techniques to achieve a partial automation of the match operation for specific application domains. We present a taxonomy that covers many of these existing approach ...

**Keywords:** Graph matching, Machine learning, Model management, Schema integration, Schema matching


## 2 [Reconciling schemas of disparate data sources: a machine-learning approach](#)



AnHai Doan, Pedro Domingos, Alon Y. Halevy

May 2001 **ACM SIGMOD Record , Proceedings of the 2001 ACM SIGMOD international conference on Management of data SIGMOD '01**, Volume 30 Issue 2

**Publisher:** ACM Press

Full text available:  [pdf\(366.64 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A data-integration system provides access to a multitude of data sources through a single mediated schema. A key bottleneck in building such systems has been the laborious manual construction of semantic mappings between the source schemas and the mediated schema. We describe LSD, a system that employs and extends current machine-learning techniques to semi-automatically find such mappings. LSD first asks the user to provide the semantic mappings for a small set of data sources, then uses the ...

## 3 [Generic Schema Matching with Cupid](#)

Jayant Madhavan, Philip A. Bernstein, Erhard Rahm

September 2001 **Proceedings of the 27th International Conference on Very Large Data Bases VLDB '01**
**Publisher:** Morgan Kaufmann Publishers Inc.

Additional Information: [full citation](#), [citations](#)

## 4 [Using Schema Matching to Simplify Heterogeneous Data Translation](#)

Tova Milo, Sagit Zohar

5 Designing data marts for data warehouses



October 2001 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,

Volume 10 Issue 4

**Publisher:** ACM Press

Full text available: [pdf\(203.43 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#),  
[review](#)

Data warehouses are databases devoted to analytical processing. They are used to support decision-making activities in most modern business settings, when complex data sets have to be studied and analyzed. The technology for analytical processing assumes that data are presented in the form of simple data marts, consisting of a well-identified collection of facts and data analysis dimensions (star schema). Despite the wide diffusion of data warehouse technology and concepts, we still miss me ...

**Keywords:** conceptual modeling, data mart, data warehouse, design method, software quality management

6 A critiquing model of flexible constraint evaluation for a scheduler's workbench



Michael Prietula, Peng Si Ow, Brian Huguenard, Steve Vicinanza

June 1988 **Proceedings of the 1st international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 1 IEA/AIE '88**

**Publisher:** ACM Press

Full text available: [pdf\(528.90 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Scheduling complex tasks is a difficult and ill-structured problem. Totally automated solutions to certain scheduling problems have certainly been achieved; however, other types of scheduling tasks do not yield easily to traditional solution methods. The latter tasks often involve both quantitative and qualitative constraints as well as changing preferences and subjective judgement. Consequently, it is sometimes impossible to take the human element out of the loop. Faced with similar problem ...

7 DTD inference for views of XML data



Yannis Papakonstantinou, Victor Vianu

May 2000 **Proceedings of the nineteenth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

**Publisher:** ACM Press

Full text available: [pdf\(347.61 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We study the inference of Data Type Definitions (DTDs) for views of XML data, using an abstraction that focuses on document content structure. The views are defined by a query language that produces a list of documents selected from one or more input sources. The selection conditions involve vertical and horizontal navigation, thus querying explicitly the order present in input documents. We point several strong limitations in the descriptive ability of current DTDs and the need for extending ...

8 Web Information Integration: Automating the transformation of XML documents



Hong Su, Harumi Kuno, Elke A. Rundensteiner

November 2001 **Proceedings of the 3rd international workshop on Web information and data management**

**Publisher:** ACM Press

Full text available: [pdf\(522.82 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The advent of web services that use XML-based message exchanges has spurred many

efforts that address issues related to inter-enterprise service electronic commerce interactions. Currently emerging standards and technologies enable enterprises to describe and advertise their own Web Services and to discover and determine how to interact with services fronted by other businesses. However, these technologies do not address the problem of how to reconcile structural differences between similar type ...

9 Querying websites using compact skeletons



Anand Rajaraman, Jeffrey D. Ullmann

May 2001 **Proceedings of the twentieth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

**Publisher:** ACM Press

Full text available: [pdf\(220.79 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Several commercial applications, such as online comparison shopping and process automation, require integrating information that is scattered across multiple websites or XML documents. Much research has been devoted to this problem, resulting in several research prototypes and commercial implementations. Such systems rely on wrappers that provide relational or other structured interfaces to websites. Traditionally, wrappers have been constructed by hand on a per-website basis, constraining th ...

10 Global change master directory: object-oriented active asynchronous transaction management in a federated environment using data agents



Zina Ben Miled, Srinivasan Sikkupparbathiyam, Omran Bukhres, Kishan Nagendra, Eric Lynch, Marcelo Areal, Lola Olsen, Chris Gokey, David Kendig, Tom Northcutt, Rosy Cordova, Gene Major, Nanine Savage

March 2001 **Proceedings of the 2001 ACM symposium on Applied computing**

**Publisher:** ACM Press

Full text available: [pdf\(185.55 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

**Keywords:** JDBC, Java, RMI, World Wide Web, XML, asynchronous, component, distributed, distributed object management, global transaction management, interface, interoperability, object-oriented

11 Web schemas in WHOWEDA



Saurav S. Bhowmick, Wee Keong Ng, Sanjay Madria

November 2000 **Proceedings of the 3rd ACM international workshop on Data warehousing and OLAP**

**Publisher:** ACM Press

Full text available: [pdf\(254.17 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

**Keywords:** Web schema, Web warehouse, schema operations

12 Derivation of glue code for agent interoperation



Mark Burstein, Drew McDermott, Douglas R. Smith

June 2000 **Proceedings of the fourth international conference on Autonomous agents**

**Publisher:** ACM Press

Full text available: [pdf\(660.15 KB\)](#) Additional Information: [full citation](#), [references](#), [citings](#), [index terms](#)

**Keywords:** agents, higher-order, translation

13 SI in digital libraries



Nabil R. Adam, Vijayalakshmi Atluri, Igg Adiwijaya

June 2000 **Communications of the ACM**, Volume 43 Issue 6

**Publisher:** ACM Press

Full text available:  [pdf\(145.60 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#),  
 [html\(44.09 KB\)](#) [review](#)

14 Type inference for queries on semistructured data



Tova Milo, Dan Suciu

May 1999 **Proceedings of the eighteenth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

**Publisher:** ACM Press

Full text available:  [pdf\(1.37 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

15 Sequencing in a connectionist model of language processing

Michael Gasser, Michael G. Dyer

August 1988 **Proceedings of the 12th conference on Computational linguistics - Volume 1**

**Publisher:** Association for Computational Linguistics

Full text available:  [pdf\(791.98 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Recent research suggests that human language processing can be profitably viewed in terms of the spread of activation through a network of simple processing units. Decision making in connectionist models such as these is distributed and consists in selections made from sets of mutually inhibiting candidate items which are activated on the basis of input features. In these models, however, there is the problem, especially for generation, of obtaining sequential behavior from an essentially parallel ...

16 Technical correspondence: Workshop on the evaluation of natural language processing systems

Martha Palmer, Tim Finin

September 1990 **Computational Linguistics**, Volume 16 Issue 3

**Publisher:** MIT Press



Full text available:  [pdf\(701.03 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#)  
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17 Co-evolution of language and of the language acquisition device

Ted Briscoe

July 1997 **Proceedings of the eighth conference on European chapter of the Association for Computational Linguistics , Proceedings of the 35th annual meeting on Association for Computational Linguistics**

**Publisher:** Association for Computational Linguistics , Association for Computational Linguistics

Full text available:  [pdf\(882.25 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)  
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A new account of parameter setting during grammatical acquisition is presented in terms of Generalized Categorical Grammar embedded in a default inheritance hierarchy, providing a natural partial ordering on the setting of parameters. Experiments show that several experimentally effective learners can be defined in this framework. Evolutionary simulations suggest that a learner with default initial settings for parameters will emerge, provided that learning is memory limited and the environment of ...

18 PCFG models of linguistic tree representations

Mark Johnson

December 1998 **Computational Linguistics**, Volume 24 Issue 4

**Publisher:** MIT Press

Full text available:  [pdf\(1.28 MB\)](#)  Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)  
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The kinds of tree representations used in a treebank corpus can have a dramatic effect on performance of a parser based on the PCFG estimated from that corpus, causing the estimated likelihood of a tree to differ substantially from its frequency in the training corpus. This paper points out that the Penn II treebank representations are of the kind predicted to have such an effect, and describes a simple node relabeling transformation that improves a treebank PCFG-based parser's average precision ...

19 Some transformations for developing recursive programs



R. M. Burstall, John Darlington

April 1975 **ACM SIGPLAN Notices , Proceedings of the international conference on Reliable software**, Volume 10 Issue 6

**Publisher:** ACM Press

Full text available: pdf(636.68 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The paper describes a system of rules for transforming programs, the programs being in the form of recursion equations. The idea is to start with a very simple, lucid and hopefully correct program, then to transform it into a more efficient one by altering the recursion structure. Illustrative examples of program transformations are given, and a tentative implementation is described. We hope to throw some light on the alternative structures for programs, also to indicate a possible initial ...

**Keywords:** Optimisation, Program manipulation, Program transformation, Recursion

20 A Syntactic Schema And Algorithm For Language Arts CAI



John G. Allee, Robert L. Williams

December 1978 **Proceedings of the 1978 annual conference**

**Publisher:** ACM Press

Full text available: pdf(284.59 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The stand-alone BASIC programs of English Usage Exercises, a language arts CAI series for elementary school students, employ a number of simple algorithms to generate example sentences and sentence exercises from small data clusters. These individual generative programs, since they need no support from other files, are easily transported and may be employed in microprocessors. A schema devised for a series of EUX programs is exemplified. In the schema fifteen sentence "forms" accept the ...

**Keywords:** CAI for grammar and usage, Computer assisted instruction, English sentence algorithms and schemata, Generating sentences, Programming grammar in BASIC

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## 1 [A survey of approaches to automatic schema matching](#)

Erhard Rahm, Philip A. Bernstein

December 2001 **The VLDB Journal — The International Journal on Very Large Data**
**Bases**, Volume 10 Issue 4

**Publisher:** Springer-Verlag New York, Inc.

Full text available:  [pdf\(196.22 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Schema matching is a basic problem in many database application domains, such as data integration, E-business, data warehousing, and semantic query processing. In current implementations, schema matching is typically performed manually, which has significant limitations. On the other hand, previous research papers have proposed many techniques to achieve a partial automation of the match operation for specific application domains. We present a taxonomy that covers many of these existing approach ...

**Keywords:** Graph matching, Machine learning, Model management, Schema integration, Schema matching

## 2 [Web schemas in WHOWEDA](#)



Saurav S. Bhowmick, Wee Keong Ng, Sanjay Madria

November 2000 **Proceedings of the 3rd ACM international workshop on Data warehousing and OLAP**
**Publisher:** ACM Press

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**Keywords:** Web schema, Web warehouse, schema operations

## 3 [Reconciling schemas of disparate data sources: a machine-learning approach](#)



AnHai Doan, Pedro Domingos, Alon Y. Halevy

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A data-integration system provides access to a multitude of data sources through a single mediated schema. A key bottleneck in building such systems has been the laborious manual construction of semantic mappings between the source schemas and the mediated schema. We describe LSD, a system that employs and extends current machine-learning techniques to semi-automatically find such mappings. LSD first asks the user to provide the semantic mappings for a small set of data sources, then uses the ...



#### 4 DTD inference for views of XML data



Yannis Papakonstantinou, Victor Vianu

May 2000 **Proceedings of the nineteenth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

**Publisher:** ACM Press

Full text available: [pdf\(347.61 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

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#### 5 Type inference for queries on semistructured data



Tova Milo, Dan Suciu

May 1999 **Proceedings of the eighteenth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

**Publisher:** ACM Press

Full text available: [pdf\(1.37 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

#### 6 Querying websites using compact skeletons



Anand Rajaraman, Jeffrey D. Ullmann

May 2001 **Proceedings of the twentieth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

**Publisher:** ACM Press

Full text available: [pdf\(220.79 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Several commercial applications, such as online comparison shopping and process automation, require integrating information that is scattered across multiple websites or XML documents. Much research has been devoted to this problem, resulting in several research prototypes and commercial implementations. Such systems rely on wrappers that provide relational or other structured interfaces to websites. Traditionally, wrappers have been constructed by hand on a per-website basis, constraining th ...

#### 7 PCFG models of linguistic tree representations



Mark Johnson

December 1998 **Computational Linguistics**, Volume 24 Issue 4

**Publisher:** MIT Press

Full text available: [pdf\(1.28 MB\)](#) [Publisher Site](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The kinds of tree representations used in a treebank corpus can have a dramatic effect on performance of a parser based on the PCFG estimated from that corpus, causing the estimated likelihood of a tree to differ substantially from its frequency in the training corpus. This paper points out that the Penn II treebank representations are of the kind predicted to have such an effect, and describes a simple node relabeling transformation that improves a treebank PCFG-based parser's average precision ...

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Published before December 2001

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## 1 [A survey of approaches to automatic schema matching](#)

Erhard Rahm, Philip A. Bernstein

December 2001 **The VLDB Journal — The International Journal on Very Large Data**
**Bases**, Volume 10 Issue 4

**Publisher:** Springer-Verlag New York, Inc.

Full text available:  pdf(196.22 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Schema matching is a basic problem in many database application domains, such as data integration, E-business, data warehousing, and semantic query processing. In current implementations, schema matching is typically performed manually, which has significant limitations. On the other hand, previous research papers have proposed many techniques to achieve a partial automation of the match operation for specific application domains. We present a taxonomy that covers many of these existing approach ...

**Keywords:** Graph matching, Machine learning, Model management, Schema integration, Schema matching

## 2 [Reconciling schemas of disparate data sources: a machine-learning approach](#)



AnHai Doan, Pedro Domingos, Alon Y. Halevy

May 2001 **ACM SIGMOD Record , Proceedings of the 2001 ACM SIGMOD international conference on Management of data SIGMOD '01**, Volume 30 Issue 2

**Publisher:** ACM Press

Full text available:  pdf(366.64 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A data-integration system provides access to a multitude of data sources through a single mediated schema. A key bottleneck in building such systems has been the laborious manual construction of semantic mappings between the source schemas and the mediated schema. We describe LSD, a system that employs and extends current machine-learning techniques to semi-automatically find such mappings. LSD first asks the user to provide the semantic mappings for a small set of data sources, then uses the ...

## 3 [Task-Aware user interfaces](#)



Jasmina Pavlin

June 1990 **ACM SIGCHI Bulletin**, Volume 22 Issue 1

**Publisher:** ACM Press

Full text available:  pdf(671.54 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

While the demand for computer systems that are more and more complex in terms of size and variety of applications is steadily increasing, design support tools and abstraction mechanisms for such systems are lagging badly behind. This places an increased burden on users and software developers alike. We believe that making the knowledge about the user's tasks and about the system's functionality explicit can reduce this burden

significantly.

#### 4 A vision for management of complex models

 Phillip A. Bernstein, Alon Y. Halevy, Rachel A. Pottinger  
December 2000 **ACM SIGMOD Record**, Volume 29 Issue 4

**Publisher:** ACM Press


Full text available:  pdf(907.42 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Many problems encountered when building applications of database systems involve the manipulation of models. By "model," we mean a complex structure that represents a design artifact, such as a relational schema, object-oriented interface, UML model, XML DTD, web-site schema, semantic network, complex document, or software configuration. Many uses of models involve managing changes in models and transformations of data from one model into another. These uses require an explicit representation of ...

#### 5 Designing data marts for data warehouses

 October 2001 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 10 Issue 4

**Publisher:** ACM Press

Full text available:  pdf(203.43 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

Data warehouses are databases devoted to analytical processing. They are used to support decision-making activities in most modern business settings, when complex data sets have to be studied and analyzed. The technology for analytical processing assumes that data are presented in the form of simple data marts, consisting of a well-identified collection of facts and data analysis dimensions (star schema). Despite the wide diffusion of data warehouse technology and concepts, we still miss me ...

**Keywords:** conceptual modeling, data mart, data warehouse, design method, software quality management

#### 6 Querying websites using compact skeletons


 Anand Rajaraman, Jeffrey D. Ullmann  
May 2001 **Proceedings of the twentieth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

**Publisher:** ACM Press


Full text available:  pdf(220.79 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Several commercial applications, such as online comparison shopping and process automation, require integrating information that is scattered across multiple websites or XML documents. Much research has been devoted to this problem, resulting in several research prototypes and commercial implementations. Such systems rely on wrappers that provide relational or other structured interfaces to websites. Traditionally, wrappers have been constructed by hand on a per-website basis, constraining th ...

#### 7 Some transformations for developing recursive programs

 R. M. Burstall, John Darlington  
April 1975 **ACM SIGPLAN Notices , Proceedings of the international conference on Reliable software**, Volume 10 Issue 6

**Publisher:** ACM Press

Full text available:  pdf(636.68 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The paper describes a system of rules for transforming programs, the programs being in the form of recursion equations. The idea is to start with a very simple, lucid and hopefully correct program, then to transform it into a more efficient one by altering the recursion structure. Illustrative examples of program transformations are given, and a tentative implementation is described. We hope to throw some light on the alternative structures for programs, also to indicate a possible initial ...

**Keywords:** Optimisation, Program manipulation, Program transformation, Recursion

8 Integrating and customizing heterogeneous e-commerce applications

Anat Eyal, Tova Milo

August 2001 **The VLDB Journal — The International Journal on Very Large Data**

**Bases**, Volume 10 Issue 1


**Publisher:** Springer-Verlag New York, Inc.

Full text available:  pdf(286.63 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

A broad spectrum of electronic commerce applications is currently available on the Web, providing services in almost any area one can think of. As the number and variety of such applications grow, more business opportunities emerge for providing new services based on the integration and customization of existing applications. (Web shopping malls and support for comparative shopping are just a couple of examples.) Unfortunately, the diversity of applications in each specific domain and the dispar ...

**Keywords:** Application integration, Data integration, Electronic commerce

9 Derivation of glue code for agent interoperation

 Mark Burstein, Drew McDermott, Douglas R. Smith


June 2000 **Proceedings of the fourth international conference on Autonomous agents**

**Publisher:** ACM Press

Full text available:  pdf(660.15 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** agents, higher-order, translation

10 SI in digital libraries


 Nabil R. Adam, Vijayalakshmi Atluri, Igg Adiwijaya

June 2000 **Communications of the ACM**, Volume 43 Issue 6

**Publisher:** ACM Press

Full text available:  pdf(145.60 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#),  
 html(44.09 KB) [review](#)

11 Global change master directory: object-oriented active asynchronous transaction management in a federated environment using data agents

 Zina Ben Miled, Srinivasan Sikkupparbathyam, Omran Bukhres, Kishan Nagendra, Eric Lynch, Marcelo Areal, Lola Olsen, Chris Gokey, David Kendig, Tom Northcutt, Rosy Cordova, Gene Major, Nanine Savage


March 2001 **Proceedings of the 2001 ACM symposium on Applied computing**

**Publisher:** ACM Press

Full text available:  pdf(185.55 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

**Keywords:** JDBC, Java, RMI, World Wide Web, XML, asynchronous, component, distributed, distributed object management, global transaction management, interface, interoperability, object-oriented

12 A critiquing model of flexible constraint evaluation for a scheduler's workbench

 Michael Prietula, Peng Si Ow, Brian Huguenard, Steve Vicinanza

June 1988 **Proceedings of the 1st international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 1 IEA/AIE '88**

**Publisher:** ACM Press

Full text available:  pdf(528.90 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Scheduling complex tasks is a difficult and ill-structured problem. Totally automated solutions to certain scheduling problems have certainly been achieved; however, other types of scheduling tasks do not yield easily to traditional solution methods. The latter tasks often involve both quantitative and qualitative constraints as well as changing preferences and subjective judgement. Consequently, it is sometimes impossible to take the human element out of the loop. Faced with similar problem ...


13 DTD inference for views of XML data



Yannis Papakonstantinou, Victor Vianu

May 2000 **Proceedings of the nineteenth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

**Publisher:** ACM Press

Full text available:  pdf(347.61 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

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14 Technical correspondence: Workshop on the evaluation of natural language processing systems



Martha Palmer, Tim Finin

September 1990 **Computational Linguistics**, Volume 16 Issue 3

**Publisher:** MIT Press

Full text available:  pdf(701.03 KB) Additional Information: [full citation](#), [references](#), [citations](#)  
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